

09/095,142

Attorney Docket No. 00974

CLAIMS

What is claimed is:

1. An emergency notification system, comprising:
a first server for receiving an emergency communication from a telecommunications network and for transmitting a message to a subscriber of the emergency notification system; and
a second server in communication with the first server, the second server for supplying the first server with information associated with a subscriber.
2. The system of claim 1, further comprising a switch in communication with the first server.
3. The system of claim 2, wherein the switch includes a service switching point.
4. The system of claim 2, wherein the switch includes an originating trigger.
5. The system of claim 4, wherein the trigger includes a 911 trigger.
6. The system of claim 1, further comprising a database server in communication with the first server, the database server for supplying the first server with the emergency communication.
7. The system of claim 6, wherein the database server includes a service control point.
8. The system of claim 1, wherein the first server includes a telephony server.
9. The system of claim 1, wherein the first server includes an electronic mail server.

Attorney Docket No. 00974

10. The system of claim 1, wherein the second server is in communication with the Internet.
11. A method of notifying a party of an emergency originating at a location, comprising:
 - receiving an emergency communication from a telecommunications network;
 - receiving, via a computer network, information relating to the party; and
 - transmitting a notification that an emergency originated at the location to the party.
12. The method of claim 11, wherein receiving an emergency communication includes receiving identification information relating to the location.
13. The method of claim 11, wherein receiving information relating to the party includes receiving an email address associated with the party.
14. The method of claim 11, wherein receiving information relating to the party includes receiving at least one telephone number associated with the party.
15. The method of claim 11, wherein transmitting a notification includes sending an electronic notice to the party.
16. The method of claim 11, wherein transmitting a notification includes placing a telephone call to the party.
17. The method of claim 11, further comprising determining if the party is a subscriber to a notification system.

Attorney Docket No. 00974

18. The method of claim 11, further comprising routing the emergency communication to a public safety answering point.

19. The method of claim 11, wherein receiving an emergency communication from a telecommunications network includes receiving an emergency communication from a database server that is resident on the telecommunications network.

20. An emergency notification system, comprising:
means for receiving an emergency communication from a telecommunications network;
means for receiving, via a computer network, information relating to a party to be notified of an emergency; and
means for transmitting a notification that an emergency originated at a location to the party.

PCT/USO 2/36763

CLAIM

We claim:

1. A method of delivering a call to a called party's device, comprising:
 - receiving a call directed to a wireline device;
 - validating that a telephone number of the wireline device is associated with a telephone number of a wireless device;
 - transmitting a message to the wireless device;
 - delivering the call to the wireline device when a return message is not received from the wireless device;
 - determining a location of the wireless device when a return message is received from the wireless device;
 - comparing the location of the wireless device with a location of the wireline device;
 - delivering the call to the wireless device when the location of the wireless device is not within a predefined vicinity of the location of the wireline device; and
 - delivering the call to the wireline device when the location of the wireless device is within a predefined vicinity of the location of the wireline device.
2. The method of claim 1, further comprising determining whether the called party is a subscriber to a call delivery service with GIS integration.
3. The method of claim 1, further comprising routing the call to a telecommunications switch.
4. The method of claim 1, further comprising receiving a return message from the wireless device containing at least one of an electronic serial number and a mobile identification number.

5. The method of claim 1, further comprising receiving a return message from the wireless device containing locational information associated with the wireless device.

6. The method of claim 1, further comprising accessing a database to obtain the location of the wireline device.

7. An apparatus for delivering a call to a called party's device, comprising:
means for receiving a call directed to a wireline device;
means for validating that a telephone number of the wireline device is associated with a telephone number of a wireless device;
means for transmitting a message to the wireless device;
means for delivering the call to the wireline device when a return message is not received from the wireless device;

means for determining a location of the wireless device when a return message is received from the wireless device;

means for comparing the location of the wireless device with a location of the wireline device;

means for delivering the call to the wireless device when the location of the wireless device is not within a predefined vicinity of the location of the wireline device; and

means for delivering the call to the wireline device when the location of the wireless device is within a predefined vicinity of the location of the wireline device.

8. A computer-readable medium having stored thereon instructions which, when executed by a processor, causes the processor to:

receive a call directed to a wireline device;

validate that a telephone number of the wireline device is associated with a telephone number of a wireless device;

transmit a message to the wireless device;

deliver the call to the wireline device when a return message is not received from the wireless device;

determine a location of the wireless device when a return message is received from the wireless device;

compare the location of the wireless device with a location of the wireline device;

deliver the call to the wireless device when the location of the wireless device is not within a predefined vicinity of the location of the wireline device; and

deliver the call to the wireline device when the location of the wireless device is within a predefined vicinity of the location of the wireline device.

9. A telecommunications system, comprising:

a controller, comprising:

a mobile positioning center;

a location management platform; and

a GIS application;

at least one telecommunications switch; and

a wireless telecommunications network.

10. The system of claim 9, further comprising a network database in communication with the controller.

11. The system of claim 9, further comprising a PSAP database in communication with the controller.

12. The system of claim 9, wherein the controller is a service control point.

13. The system of claim 9, wherein the at least one telecommunications switch includes a mobile switching center.

14. The system of claim 9, wherein the wireless telecommunications network includes a cellular network.

15. The system of claim 9, further comprising a position determining device.

16. The system of claim 15, wherein the position determining device includes GPS functionality.

17. The system of claim 9, further comprising an intelligent peripheral device.

18. A controller for controlling the delivery of a call to either a wireline device or a wireless device depending on the a location of the wireless device in relation to a location of the wireline device, comprising:

- a mobile positioning center;

- a location management platform; and

- a GIS application.